



Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	ATTY DOCKET NO. 1422-0483P	APPLICATION NO. 09/889,955
	APPLICANT Manabu NAGATA et al.	
	FILING DATE July 25, 2001	GROUP 1714

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
P.C.	US 4,762,889		1988-08-09	Shimada et al.			
	US 5,567,744		1996-10-22	Nagata et al.			
	US 5,716,707		1998-02-10	Mukaida et al.			
P.C.	US 5,672,419		1997-09-30	Mukaida et al.			
	US						
	US						
	US						
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FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
P.C.		1093932	A	1994-02-24	CHINA				

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

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09/889955
Sheet 1 of 1 (7/25/01)

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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
cc	4 7 5 8 6 1 7	1988-07-19	Tanioku et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
cc	7 1 7 9 6 1 3	1995-07-18	JP			ABS
	6 1 6 8 1 7	1994-01-25	JP			ABS
	9 1 1 8 0 4 2	1991-11-28	JP			ABS
	5 6 1 5 9 2 3 2	1981-12-08	JP			ABS
	5 3 2 0 5 2 3	1993-12-03	JP			ABS
OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)						
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